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› Folgtek 48MP 1296P HD Game Trail Camera User Manual

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Model: 48MP 1296P HD Game Trail Camera

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Folgtek 48MP 1296P HD Game Trail Camera. Please read this manual thoroughly before using the camera to ensure proper functionality and to maximize its performance in capturing wildlife and outdoor activities.

The Folgtek Game Trail Camera is designed for outdoor use, featuring high-resolution imaging, motion-activated night vision, and a durable, waterproof casing. It is ideal for wildlife observation, hunting scouting, and property surveillance.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Folgtek 48MP 1296P HD Game Trail Camera
- USB Cable
- Mounting Strap
- User Manual (this document)

Note: AA batteries and an SD card are not included and must be purchased separately.

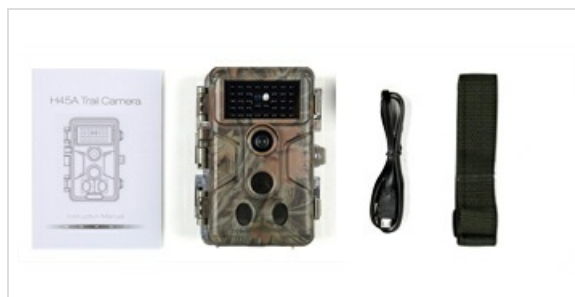


Image: Contents of the Folgtek Game Trail Camera package, including the camera, user manual, USB cable, and mounting strap.

PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your camera.



Image: Detailed diagram of the camera's internal and external features, including the LCD screen, keypad, battery compartment, SD card slot, USB port, DC port, tripod base, and strap hole.

- **Front Panel:** Main lens, infrared LEDs (36pcs 940nm no-glow), PIR motion sensors.
- **Inside Panel:** 2.4-inch LCD screen, control keypad (Menu, OK, Navigation buttons), OFF/ON/SET switch.
- **Bottom:** SD card slot (supports up to 512GB), USB port (Mini USB A), DC port (12V/1A 5.5x2.1mm), Tripod Base (1/4"-20).
- **Back:** Strap holes for mounting.
- **Side:** Latches to open the camera housing.

SETUP

1. Battery Installation

1. Open the camera housing by releasing the side latches.
2. Locate the battery compartment on the right side of the internal panel.
3. Insert 8 AA (1.5V) batteries, ensuring correct polarity (+/-). Lithium batteries are recommended for optimal performance and longer life, especially in cold conditions.
4. Close the battery compartment securely.

Caution: Do not mix old and new batteries, or different types of batteries. Remove batteries if the camera will not be used for an extended period.

2. SD Card Installation

1. Ensure the camera is powered OFF.
2. Locate the SD card slot at the bottom of the camera.
3. Insert a standard SD card (up to 512GB capacity) into the slot with the metal contacts facing down, until it clicks into place.
4. To remove the SD card, gently push it in until it clicks, then release, and it will eject.



Image: The camera supports SD cards up to 512GB for storing photos and videos.

3. Mounting the Camera

The camera can be mounted using the included strap or a tripod.

- **Strap Mounting:** Thread the provided mounting strap through the strap holes on the back of the camera. Secure the camera to a tree or pole at the desired height and angle.
- **Tripod Mounting:** Use the 1/4"-20 tripod base at the bottom of the camera to attach it to a standard tripod or other compatible mounting accessory.

Position the camera to ensure a clear view of the target area, avoiding direct sunlight into the lens, which can cause overexposure. Ensure the camera is stable and will not move due to wind or animal contact.

CRYSTAL CLEAR IMAGES & VIDEOS

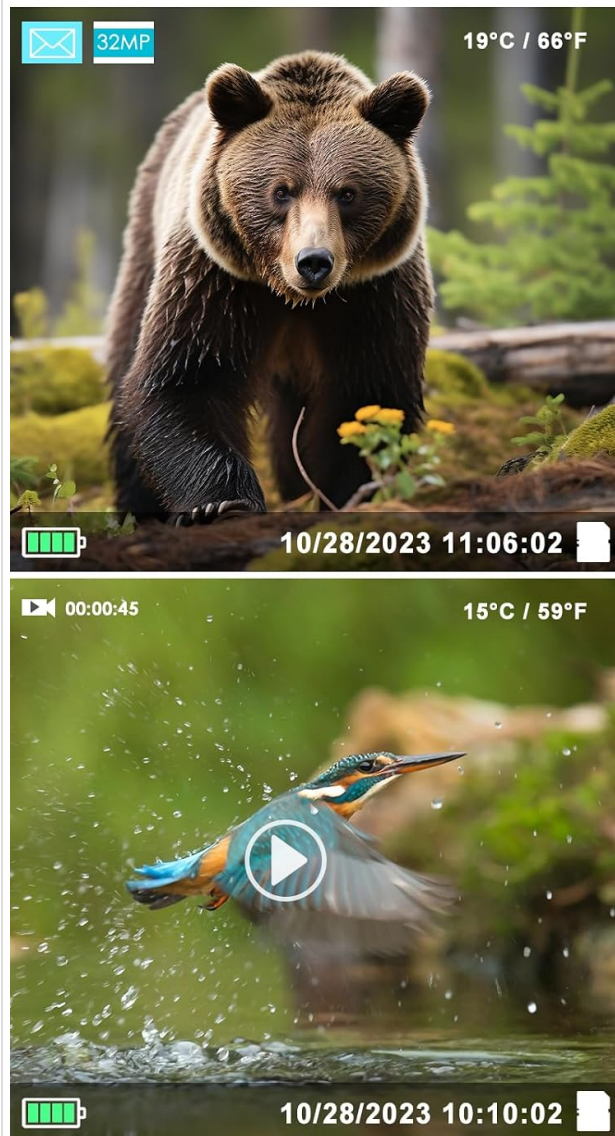


Image: The camera securely mounted on a tree, ready for outdoor observation.

OPERATING INSTRUCTIONS

1. Powering On/Off and Mode Selection

The camera has a 3-position switch: OFF, ON, and SET.

- **OFF:** Powers off the camera.
- **ON:** Activates the camera for recording. After a 30-second startup delay, the camera will begin motion-activated recording according to your settings.
- **SET:** Enters setup mode, allowing you to configure camera settings and view recorded media on the LCD screen.

2. Menu Navigation and Settings

In SET mode, use the keypad to navigate the menu and adjust settings.

- **MENU Button:** Accesses the main settings menu.
- **UP/DOWN Buttons:** Navigate through menu options.
- **LEFT/RIGHT Buttons:** Change values or select sub-options.
- **OK Button:** Confirms selections and saves settings.

Key settings to configure:

- **Mode:** Select Photo, Video, or Photo+Video.
- **Photo Resolution:** Choose up to 48MP for still images.
- **Video Resolution:** Select up to 1296P for video recordings.
- **PIR Sensitivity:** Adjust motion sensor sensitivity (Low, Medium, High) based on environmental conditions to prevent false triggers.
- **Trigger Interval:** Set the delay between consecutive recordings after motion detection.
- **Time Stamp:** Enable or disable date, time, and temperature display on recordings.
- **Format SD Card:** It is recommended to format the SD card within the camera before first use and periodically thereafter.



Image: High-resolution photo (32MP) and video (1296P) examples captured by the camera.

3. Motion Detection and Night Vision

The camera features a 0.1-second trigger speed and a 120-degree wide-angle detection zone, utilizing three PIR sensors for enhanced accuracy. The 36pcs 940nm infrared LEDs provide clear night vision up to 100 feet without emitting a visible glow, ensuring animals are not disturbed.

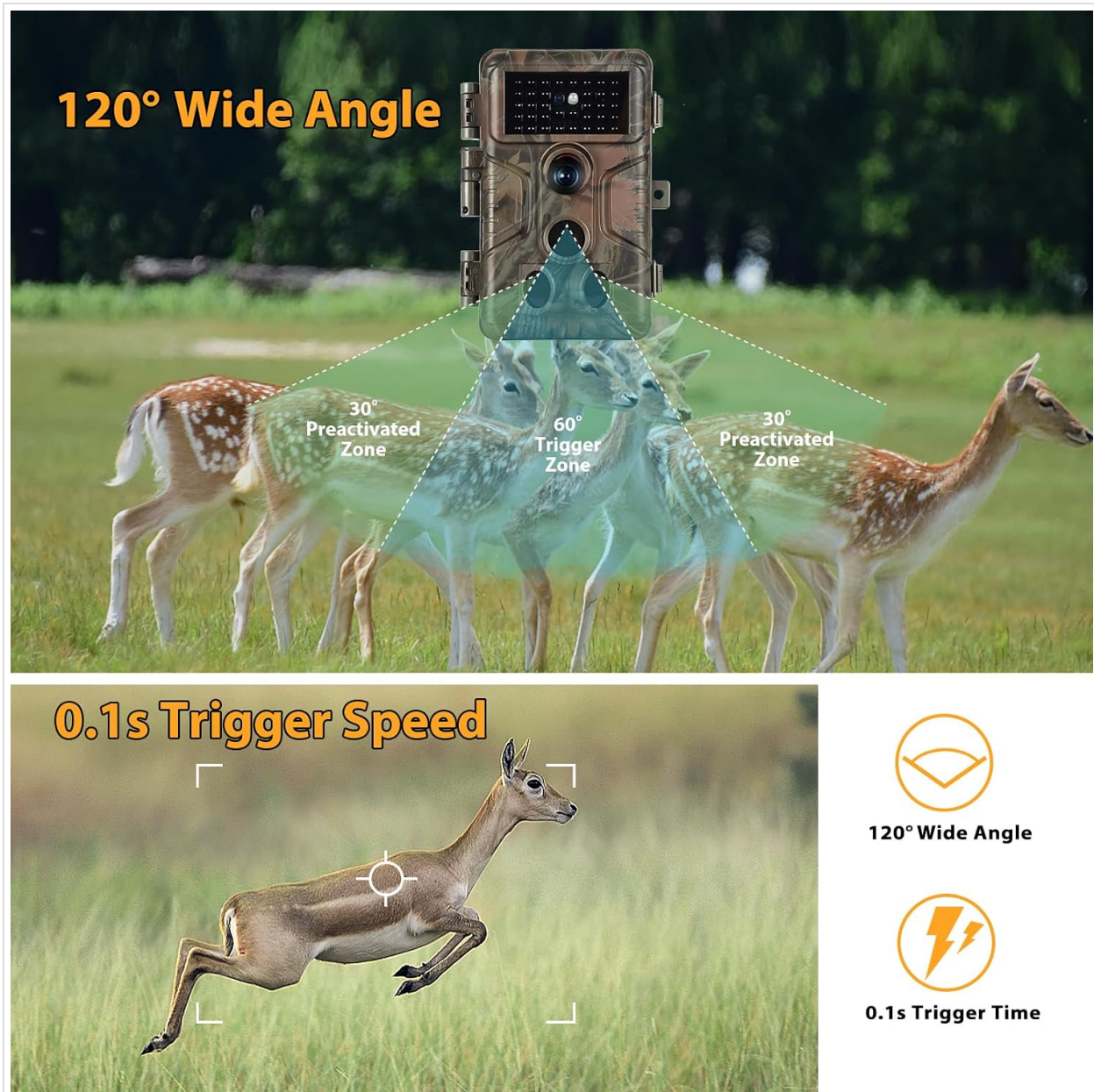


Image: Visual representation of the camera's 120-degree wide-angle detection and rapid 0.1-second trigger time.

HD Night Vision up to 100 feet



36pcs high performance
infrared no glow 940nm LEDS

Image: Example of clear night vision footage, showing a deer captured in darkness using the camera's infrared LEDs.

4. Viewing Media

- **On Camera:** In SET mode, use the navigation buttons to browse through recorded photos and videos on the 2.4-inch LCD screen. Press OK to play videos.
- **On Computer:** Connect the camera to your computer using the provided USB cable, or remove the SD card and insert it into a card reader. The camera/SD card will appear as a removable disk, allowing you to transfer files.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and PIR sensors. For stubborn dirt, a slightly damp cloth can be used, followed by drying. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace all 8 AA batteries when the low battery indicator appears on the screen or when performance degrades.
- **Storage:** When not in use for extended periods, remove the batteries and SD card. Store the camera in a cool, dry place away from direct sunlight.
- **Waterproof Seal:** Ensure the camera housing latches are securely closed to maintain its IP66

waterproof rating, protecting it from rain, snow, ice, dust, and fog.



Image: The camera's IP66 waterproof design ensures durability in various weather conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Batteries are low or incorrectly inserted.	Replace with fresh AA batteries, ensuring correct polarity.
Camera not recording.	SD card full, corrupted, or not inserted. Camera in OFF mode.	Insert/replace SD card. Format SD card. Switch camera to ON mode. Check PIR sensitivity settings.
Poor image/video quality.	Lens dirty. Low light conditions. Incorrect resolution settings.	Clean the lens. Ensure adequate lighting or rely on night vision. Adjust photo/video resolution in settings.

Problem	Possible Cause	Solution
False triggers or missed events.	PIR sensitivity too high/low. Camera movement. Obstructions.	Adjust PIR sensitivity. Securely mount the camera. Clear obstructions from the detection zone.
Night vision images are blurry or dark.	IR LEDs obstructed. Object too far.	Ensure IR LEDs are clear. Position camera within 100ft of target.

SPECIFICATIONS

Feature	Detail
Photo Resolution	Up to 48 Megapixels
Video Resolution	1296P HD
Sensor	Sony Starlight Sensor
Lens Aperture	F 1.6
Night Vision	36pcs 940nm No-Glow Infrared LEDs, up to 100 ft (30m) range
Trigger Speed	Approximately 0.1 seconds
Trigger Distance	Up to 100 ft
PIR Sensors	3 (Pre-active technology)
Detection Angle	120 degrees
Display Screen	2.4-inch LCD Color Screen
Storage	SD Card, up to 512GB (not included)
Power Source	8x AA 1.5V Batteries (not included) or 12V/1A DC external power
Battery Life (Standby)	Up to 8 months
Waterproof Rating	IP66
Connectivity	USB (Mini USB A)
Mounting Options	Strap, 1/4"-20 Tripod Base
Dimensions	7.4 x 5.04 x 3.31 inches
Weight	1.15 pounds

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Folgtek website. Keep your purchase receipt as proof of purchase for any warranty claims.

If you encounter any issues not covered in this manual, please contact customer service for assistance.

